

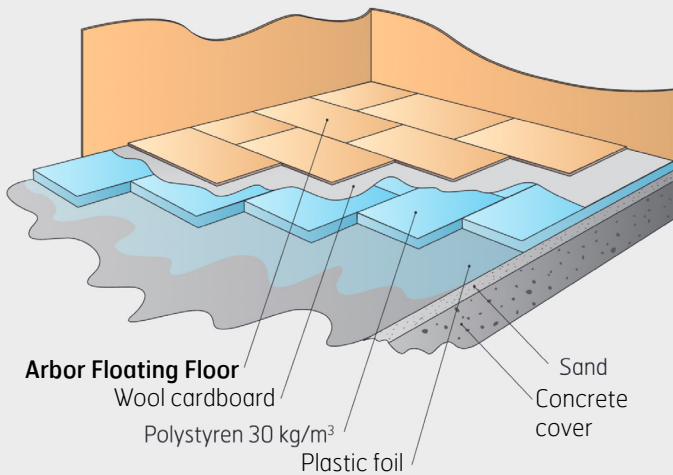
ASSEMBLY INSTRUCTIONS

12/16 mm ARBOR FLYTENDE GULV (Floating floor)



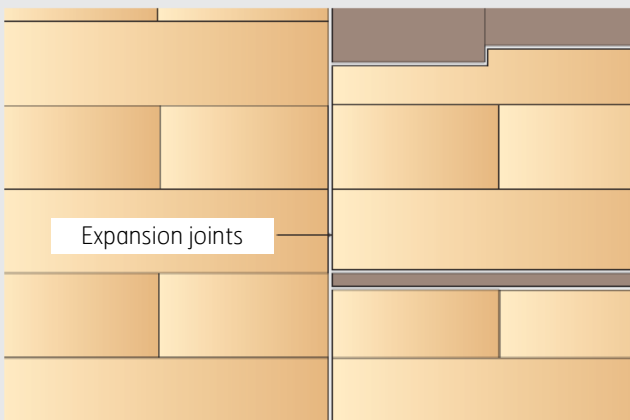
Applies to **C** **€**- marked **STANDARD** quality and **C** **€**- marked **MOISTURE RESISTANT**

Fig. 1



Arbor Floating Floor
Wool cardboard
Polystyren 30 kg/m³
Plastic foil
Sand
Concrete cover

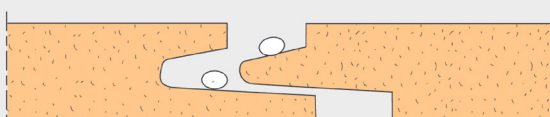
Fig. 2 Expansion joints



Expansion joints

Larger floor surfaces, corridors, etc. must be split up with an expansion joint for approx. every 10 meters. Against all walls, pillars etc. there shall be a clearance of 10 mm so that the floor boards have room for movement. A special expansion joint should be used if the floor has an angular shape. Where the floor surface forms an angle, there should be a joint that gives the board room for movement.

Fig. 6



Glue. The entire board joint must be glued, use chipboard glue, apply as a string so full that excess glue is squeezed out when the boards are put together. Excess glue should be wiped away immediately.

AREAS OF USE

The boards are profiled with tongue and groove on 4 sides. 16 mm is used on compressed sand, polystyrene or mineral wool on raw casting, leveled concrete, and old wooden floors. Remember to block moisture between the sand and the boards. 12 mm is used on existing leveled surfaces made of wood, concrete, floor coverings or thin carpets. Standard is used in dry rooms above ground level. FUKTBESTANDING (moisture resistant) is used in rooms below ground level or where moisture exposure may occur from the lower or upper side.

POST-INSULATION

When re-insulation concrete or lightweight concrete floors we recommend pressure-resistant mineral wool boards (step sound boards), expanded polystyrene. We recommend 22 mm GULV SPON (floor chipboard) as a subfloor on pressure-resistant mineral wool boards and on expanded polystyrene 16 mm boards. Remember to place wool cardboard or plastic foil with a minimum of 0,2 mm thickness between the insulation material and the floorboards.

IMPORTANT POINTS

- The boards must be protected from moisture during transportation and storage. They must be stored horizontally on level ground, preferably indoors. If stored outdoors, they must not be put directly on the ground and a moisture barrier must be laid under the boards to prevent moisture absorption.
- The building must be closed off and ventilated, masonry and plastering should be finished and dried.
- The boards should not be mounted when the temperature is lower than 15-20 degrees Celsius and when the relative humidity exceeds 70 %.
- The boards should ideally be mounted immediately before parquet or other floor coverings are mounted. If this is not possible, cover the boards with plastic foil to avoid the boards drying out or obtaining moisture. The boards should have a day to air out before being mounted.
- Rapid drying with strong heat after mounting can cause the boards to buckle.
- Ventilation is essential for a good result, especially if a building drier is used.
- FLYTENDE GULV (floating floors) must be mounted, with support, individually in each room and with a minimum 10 mm distance to all walls and fixed constructions. Remember to put a slide layer, wool cardboard or parquet underlay between the chipboard and upper floor.
- The boards should be placed in a bandage pattern.

REFERENCES NBI SHEET:

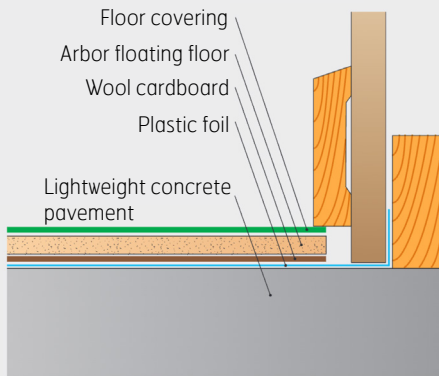
- 571.046 chipboards. Types and properties
- 522.515 Floor separators with sound-insulating light floating floors.
- 541.304 Laying track covering on floor.
- 727.113 Furnishing living spaces in existing basement.

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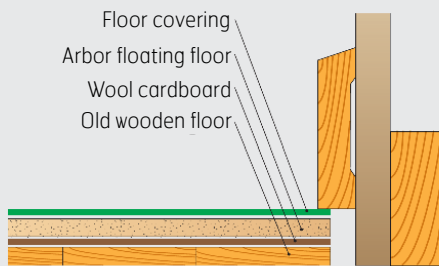


Fig. 3 Lightweight concrete pavement



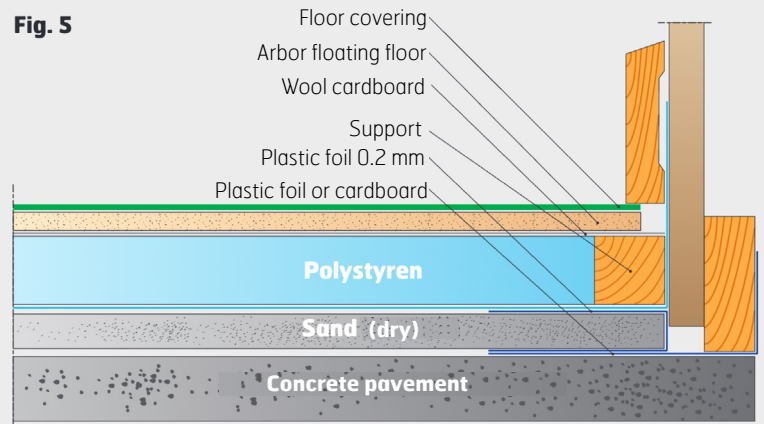
On lightweight concrete pavement

Fig. 4 Old wooden floor



On wooden floor

Fig. 5



Detailed sketch of concrete pavement with or without thermal insulation

ASSEMBLY INSTRUCTIONS

The boards are placed in a bandage pattern across the insulation boards and with space blocks against the walls and other building structures. It is important that support is mounted against walls when using concrete pavement (see figure 5).

On concrete pavement – with or without thermal insulation (see figure 1 and 5)

Always remember to add a moisture barrier between the concrete pavement and the floorboards. On concrete pavement which do not need additional insulation, a layer of wool cardboard can be used between the moisture barrier and the floorboards. If step insulation (sand) is looped, then the concrete pavement must be leveled, in order to avoid failure to the floor. Irregularities in the form of elevations must not occur. Thickness variations and irregularities in the polystyrene boards can also cause failure. Glue or tape the plastic film on basement floors.

On lightweight concrete pavement (see fig 3)

Always remember to put a moisture barrier between the concrete and the floorboards. Add wool cardboard between the plastic foil and the floorboards.

On old wooden floors (see fig 4)

Remember to correct any major imperfections in the wooden floor before you begin. Check that the existing floor does not squeak, remove squeaks by fastening the floor better to the substrate. Mounted with plastic film /moisture barrier.

Gluing (see fig 6, page 1)

You get the necessary adhesive pressure by using wedges between the wall and the boards. These must be removed the day after installation.

OTHER INFORMATION

Internal partition walls are erected before the floating floors are installed. Minimum 10 mm expansion joints for walls and other fixed structures (see fig 2). Finish against other floors with an expansion joint that is covered with moldings. A joist is placed in the doorway between two rooms with floating floors. Minimum 20 mm opening between the boards. Floors surfaces over 10 m are divided with expansion joints.

SURFACE TREATMENT

The joints are sanded before the covering is laid. Best results are achieved when the plates have a moisture content of maximum 10% before the coating is laid. Avoid thing coatings with glossy surface because the unevenness is easily visible with these.

Follow the subfloor supplier's and adhesive's recommendations.
See www.arbor.no for complete assembly instructions.

TECHNICAL DATA

THICKNESS: Standard: 12/16 mm
Moisture resistant: 16 mm

FORMAT: 620 x 2420 mm

VISIBLE MEASURE: 600 x 2400 mm
= 1.44 m² net

JOINTS: Tongue and groove 4 corners

WEIGHT: One board approx. 12/17 kg
1 m² approx. 8/12 kg
Package of 54/41 boards:
about 670/680 kg



ARBOR

N. 8693 Hattfjelldal / Tlf. 75 18 50 00
www.arbor.no / arbor@arbor.no